

IN THE CLAIMS

Claims 1-13(cancelled).

Claim 14(new): A device for measuring the static and/or dynamic friction coefficient of a surface, in particular a natural or artificial grass surface, comprising:

- a housing placed on supports, which is to be positioned on the surface to be examined;
- a rotatable shaft, which is vertically disposed in said housing;
- a body connected to the end of said shaft that faces towards the surface, which body comprises a contact surface which can be brought into contact with the surface to be examined; as well as
- measuring means for measuring, during operation, the torque caused by the friction between the surface to be examined and the contact surface of the rotating body, **characterized in that** the contact surface of the body is in line with the axis of rotation of the rotatable shaft.

Claim 15(new): A device according to claim 1, **characterized in that** said shaft is freely movable in vertical direction within the housing.

Claim 16(new): A device according to claim 1, **characterized in that** loading means can be placed on the end of the shaft remote from the surface.

Claim 17(new): A device according to claim 3, **characterized in that** said loading means comprise weights.

Claim 18(new): A device according to claim 1, **characterized in that** said body can be detached from said shaft.

Claim 19(new): A device according to claim 1, **characterized in that** said body takes up an inclined position with respect to the surface to be examined.

Claim 20(new): A device according to claim 6, **characterized in that** the inclined position of the body is adjustable.

Claim 21(new): A device according to claim 1, **characterized in that** said body has the shape of a foot.

Claim 22(new): A device according to claim 8, **characterized in that** the ball of the foot forms the contact surface of said body.

Claim 23(new): A device according to claim 1, **characterized in that** the measuring means comprise at least one torsion measuring device.

Claim 24(new): A device according to claim 1, **characterized in that** said supports are detachable.

Claim 25(new): A device according to claim 1, **characterized in that** said supports are provided with means for increasing the friction.

Claim 26(new): A device according to claim 12, **characterized in that** said means for increasing the friction are embodied as studs, such as the studs used in sports shoes.